

INWT 2017

Special Session on Innovations in Web Technologies

at the 9th Asian Conference on Intelligent Information and Database Systems (ACIIDS 2017)

Kanazawa, Japan, April 3-5, 2017

Conference website: <http://www.aciids.pwr.edu.pl/>

Special Session Organizers

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Objectives and topics

Ubiquitous nature of information makes the Web the most powerful tool of communication amongst humans, entertainment, education, business and many other activities without which our present life would be much more complicated. It implicates increasingly massive amount of digitalized information being processed in the net such that it constitutes a challenge for development of new Web technologies. Intensive dynamism of the Web content stimulates users' creativity to exploit new hypermedia features making the Web services more attractive to the specific needs like e.g. multilingual information access, domain information retrieval.

The cross-domain integration and appraisal of different fields related to Web technologies provide an atmosphere to foster variety of perspectives and opinions; it will offer a platform for novel ideas and a fresh look on the methodologies to put these ideas into practice.

Thus, this session provides a forum for presenting innovative approaches to advances in cutting-edge Web technologies. The focus is on creating a small group of experts interested in progressing their work towards the future trends. Submissions describing soft-computing approaches to improving the Web content, as well as works blurring the border between different approaches, are especially welcome.

The INWT 2017 Special Session at the 9th Asian Conference on Intelligent Information and Database Systems (ACIIDS 2017) is devoted to the ensemble methods addressing the areas like for instance intelligent information processing, applicability of the Web systems, novel approaches to search techniques, innovative data models, information security on the Web and many other topics related to applications of structured and unstructured information on the Web.

We want to offer an opportunity for researchers and practitioners to identify new promising research directions as well as to publish recent advances in this area. The scope of the INWT 2017 includes, but is not limited to the following topics:

- Web intelligence, knowledge discovery and data mining
- Machine learning, pattern recognition in Web-based systems
- Recommendation and personalization in Web-based systems
- Web information systems applications
- Big data and intelligent information processing
- Web-based human-computer interaction
- Ubiquitous and mobile Computing Web services
- Multilingual access to information in the net
- Machine Translation systems
- Information retrieval in the Web
- Web data description languages
- Collaborative and social computing
- Web-based communications tools

Important dates

Submission of papers: **31 October 2016 (Hard deadline!!!)**
Notification of acceptance: **1 December 2016**
Camera-ready papers: **15 December 2016**
Registration & payment: **15 December 2016**
Conference date: **3-5 April 2017**

Program Committee (to be invited)

Pascal Lorenz, University of Haute Alsace, France
Wayne Wobcke, University of New South Wales, Australia
Ricardo Vardasca, University of Porto, Portugal
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Haijing (Jane) Hao, University of Massachusetts, USA
Ricardo Rodriguez Jorge, Autonomous University of Ciudad Juarez Chihuahua, Mexico
Pit Pichappan, Al-Imam Muhammad Ibn Saud University, Saudi Arabia
Yi Pan, Georgia University, USA
Tommaso Melodia, Northeastern University, Boston, USA

Submission

All contributions should be original and not published elsewhere or intended to be published during the review period. Authors are invited to submit their papers electronically in pdf format, through EasyChair. All the special sessions are centralized as tracks in the same conference management system as the regular papers. Therefore, to submit a paper please activate the following link and select the track: **INWT 2017: Special Session on Innovation in Web Technologies**

<https://easychair.org/conferences/?conf=aciids2017>

Authors are invited to submit original previously unpublished research papers written in English, of up to 10 pages, strictly following the LNCS/LNAI format guidelines. Authors can download the Latex (recommended) or Word templates available at [Springer's web site](#). Submissions not following the format guidelines will be rejected without review. To ensure high quality, all papers will be thoroughly reviewed by the INWT 2017 Program Committee. All accepted papers must be presented by one of the authors who must register for the conference and pay the fee. The conference proceedings will be published by Springer in the prestigious series LNCS/LNAI (indexed by ISI CPCI-S, included in ISI Web of Science, EI, ACM Digital Library, DBLP, Google Scholar, Scopus, etc.).